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ABSTRACT

Discusses SOUCIT, a suite of programs designed by the Computer Unit of Robert Gordon's Institute of Technology in association with the Scottish Education Department Qualified Indexing Project to create a database of references to educational technological literature and link them in a meaningful way through qualified citation. The structure of the data file and the search strategies are described as well as the search procedures, including the prompts and the three author entries listing: (1) all publications by an author, (2) publications of an author cited by other authors, and (3) publications of an author which indicate references. The man machine dialog of a sample search and a list of the authors' names in the system are provided. (RBF)

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QUALIFIED CITATION INDEXING PROJECT

INFORMATION RETRIEVAL PROGRAM

'SOUCIT'

* * USERS MANUAL * *

VERSION 3.0

- CONTENTS -

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#1# INTRODUCTION

SOUCIT is a suite of programs designed by the RGIT Computer Services Unit in association with the SED Qualified Citation Indexing Project. The aim of the programs is to create a database of references to educational technology literature and link them in a meaningful way through qualified citation. The project is being carried out by the University of Aberdeen Teaching Centre and RGIT School of Librarianship.

As the computer programs are in their development stage, they will act only on selected data in a limited field. (For actual authors' names in the system at present, see Data Supplement to this manual)
The areas currently represented are 'Evaluation' and 'Communication' in education, 'Assessment of Practical Skills' and 'Individualised Learning'.

The data base consists of some 1000 references. These have been generated from 'key' articles in the areas mentioned, and from current literature.
The 'key' references were chosen because they represent important articles often cited by educational technology researchers. The bibliographical details of 4 of the 'key' articles are as follows:

* PARLETT M
  1972
  Evaluation as illumination: a new approach to the study of innovatory programmes. By M PARLETT & D HAMILTON.
  University of Edinburgh, Centre for Research in the Educational Sciences. Occasional Paper no. 9.

* SHANNON C E
  1949
  Mathematical theory of communication. By C E Shannon & W Weaver. University of Illinois, pp. 3-64.

* WILKINSON A M
  1966
  Spoken English. University of Birmingham.

* KELLER F S
  1968
  Goodbye, teacher... In- Journal of Applied Behavior Analysis 1 79-89

References to articles and books are included where these 'key' articles have been quoted, thus taking the searcher into other disciplines. Entries have been excluded from lists of references where they were not considered relevant by the researchers. Thus it will be found that parts of bibliographies, or even whole bibliographies, have been excluded from specific papers even though the user may know they exist!

#2# STRUCTURE OF THE DATA FILE

Each entry in the data file is described by Qualifiers.

1. DESCRIPTIVE QUALIFIERS are attached to each reference to describe the nature of the publication - whether it is a Book or an Article, whether a Review or a Conference Paper for example.
2. RELATIONAL QUALIFIERS are also displayed beneath individual entries, but refer to the link between that reference and another in the base.

Entries have been made in 'map' fashion from 'key' references. This allows the searcher to trace references -
a) FORWARD in time - by linking the papers to others which have quoted them, through tracing reference to them in papers by other authors i.e. citing papers, and
b) BACKWARD in time - by including selected lists of references quoted.

It is (a) - the feature of linking references with other work MORE RECENTLY PUBLISHED which characterises a CITATION INDEX.

The Qualified Citation Indexing Project goes further than this in attempting to qualify the linkages between the cited and citing papers i.e. the relationship between the citation and its context is qualified by using one or more of the following 'qualifying' terms, or 'relational qualifiers':

Bibliographical leads
Background reading
Historical
Narrative

Clarification
Definition
Description
Illustration

Corroboration
Similar research
Substantiation

Current concerns

Development of ideas

Same paper
Paying homage

Methodology

Data
Example
Experimental detail
Further detail
Statistics
Theory

Contradictory research
Criticism
Disclaiming

Disputing

(Note: The terms are tentative at present and will change as the Index develops)

Note is also made of the FORM of the publication (Book, Article etc.),
the TYPE of publication (Conference paper, Letter to editor, Technical note etc.)
and the LANGUAGE of publication, where appropriate i.e. if other than English.
These will be referred to as 'Descriptive Qualifiers', and will be attached to one publication, as distinct from describing a link or relationship.
Terms used so far are as follows:

FORM:
Article
Book
Mimeo
Report

TYPE:
Conference paper
Dissertation
Guide
Private communication
Prospectus
Review
Tape-slide presentation
Technical note
Yearbook

LANGUAGE:
Dutch
German

Thus each reference in the index has a number of descriptors attached to it. These descriptors will appear on the screen underneath each reference where appropriate, for example:

JACKSON P W
1968
Life in classrooms.
New York, Holt, Rinehart & Winston
* Book

Cited by: HAMILTON D
1977
In search of structure.
Hodder & Stoughton
** Background reading
** Disputing
** Contradictory research

(* = Descriptive qualifier
** = Relational qualifiers)

#3# SEARCH STRATEGIES

The index may be searched either by author or by subject keyword.

AU
An author search assumes that you have in mind a known author or paper which you wish to follow up.
You may choose to see reference to all publications by this author as principal or joint author,

or - you may wish to see the same publications wmth their lists of references i.e. citing papers - this will exclude publications where no references have been listed;

or - you may choose to do a citation search, in which case you will be given a list of only the publications by this author which have been cited by other authors, with details of the citing authors' publications and relationships between the papers.

SU
A search by subject keyword is not available at present.
When available, this will provide another entry to the system, but will serve only as a lead back to the author search, which is to be regarded as the primary function of the index.

#4# SEARCH PROCEDURES

AU - Author Search:
This search begins with a prompt for 'Author's Name?'
The format in which the authors' names are held is:

SURNAME followed by SPACE followed by
ONE OR MORE INITIALS e.g. MILLER C M L

In the case of an institution this may have to be an abbreviation.
e.g. NUFFIELD FOUND GP RES INN
for: NUFFIELD FOUNDATION GROUP FOR RESEARCH AND INNOVATION IN HIGHER EDUCATION

If the exact name, spelling or initials of the author's name are not known at this stage, typing either the first letter or first two letters of the surname, followed by a carriage return, will result in the program responding with a display of all names beginning with that letter or letters.

e.g. typing 'D' will display all authors' names in the system whose surnames begin with 'D'; typing 'NUFF' will display all beginning with this combination, and the user may then copy the format or abbreviation exactly. The item will only be found if the user gives the abbreviation (including spaces, commas etc.) exactly as held in the data record.

(N.B. A sample search, showing the prompts and some possible responses is to be found on Page 11 of this Manual).

The next computer prompt is for 'Information on the Author's Place of Work?' This carries any other available information on the author's name or title, and on their place of work or address - anything known, in short, which may help a user to further identify the author, if they should wish to do so.

If this information is not required, typing 'N'
will display the next prompt which is
a choice of "A", "B" or "C" search.

Note at this stage that whichever option is taken
there will be a prompt at some point for 'More Information?'
@on any one publication, and for a 'Citation Search?' on any
one. In each case, the date and first five characters of
the title will be required. This means that for an author
whose publications may be too many to be shown on the screen
at one time, note must be made of the date and first five
characters of title of any of interest as they are displayed.

For example, the publication
JACKSON P W
1968. Life in classrooms....
would be identified as
1968LIFE
and that by HAMILTON D 1977. In search of structure....
as 1977IN SE
and so on.

(A Citation Search is approximately the same for a single
publication as Search "B" for all cited publications).

"A" Search - This choice will display a list of all the publications by the selected author as either principal or joint author, but no links with other papers
e.g.

1977
Evaluation as illumination
In - Beyond the numbers game. Edited by D HAMILTON
Book

1972
Evaluation as illumination
Centre Res. Educ. Sci. Edinburgh. Occas.Paper 9
Mimeo

1977
Illuminations and ruminations
In - Research Intelligence 3(1) 22-23
Article

1976
In search of structure: essays from an open plan school.
Edinburgh.Scot.Council for Res. in Education
Mimeo

etc.

After the complete list is displayed the user will be given a chance to see more bibliographical details of any one publication. This is simply an expansion of the title in most cases, together with any more relevant details which were not displayed in the original record.
There will also be a chance to do a Citation Search on any one publication. This will give other publications in which the one selected from the above list has been quoted.

"B" Search - (CITATION SEARCH) This will give publications by this author which have been quoted by other authors, together with bibliographic details of publications in which they have been quoted and the nature of the relationship between the publications in each case e.g.

1972
Evaluation as illumination
Centre Res.Educ.Sci.Edinburgh.Occas.Paper 9
Mimeo

Cited by: PARLETT M
1977
Evaluation as illumination
In- Beyond the numbers game. Edited by D HAMILTON
Same paper

1976
In search of structure: essays from an open plan school.
Edinburgh.Scot.Council for Res.in Education
Mimeo

Cited by: HAMILTON D
1977
Illuminations and ruminations
In- Research Intelligence 3(1)22-23
Background reading
Methodology

etc.

"C" Search - This search will give publications by the author as in "A", but only if they had references listed with them - the references will be listed underneath each publication, and the relationships displayed e.g.

1977
Evaluation as illumination
In- Beyond the numbers game. Edited by D HAMILTON
Book

Citing: PARLETT M R
1972
Evaluation as illumination
Centre Res.Educ.Sci.Edinburgh.Occas.Paper 9
Same paper

1977
Illuminations and ruminations
In- Research Intelligence 3(1)22-23
Article

Citing: CRONBACH L J
1975
Beyond the two disciplines of scientific psychology. In- American Psychologist 30(2)110-127
Clarification
Methodology
Substantiation

HAMILTON D
1976
In search of structure: essays from an open plan school.
Edinburgh.Scot.Council for Res.in Education
Background reading
Methodology

etc.

All other search strategies possible at this stage are described on running the program.

SU - Subject Search

This option is not available at present.
It is envisaged that it will operate as follows:

The user will be asked to select from a list of keywords or thesaurus one or more terms which describe the topic in which he is interested.
A list of two or three items will then be selected by the program from publications bearing these keywords, but which are also either review articles or 'key' authors in some other way.
This description of 'key' has not been fully defined yet, but will be a combination of the number of times cited with one or more qualifiers.

For example, a search pattern may be:

EVALUATION + SCHOOLS

These two keywords in combination might lead to the identification of, for instance, the following reference

HAMILTON D
1977
In search of structure. Hodder & Stoughton.

which the user would then be able to use as a 'starter' reference in a citation search.

5 SAMPLE SEARCH

```
**************************************
*                                    *
*   QUALIFIED CITATION INDEXING      *
*            PROJECT                 *
*                                    *
*           'SOUCIT'                 *
*  An Index for Source and Citation  *
*  Searching of Education Literature *
*                                    *
**************************************
```

Have you used this program before? (Y or N)

N

This is a qualified citation index.
Entries have been made from lists of references attached to written papers, indicating LINKS between publications quoted in these lists and the CONTEXT in which they have been quoted.

The index may be searched either - by AUTHOR'S NAME (AU)
or - by SUBJECT KEYWORD (SU)

AU - Searching by AUTHOR means that if you know of a publication, or of someone working in the subject area in which you are interested, you can find reference to other papers by the same author. More importantly, you can link this author with others who have quoted or cited her work.
This is the basis of a CITATION SEARCH.

SU - Searching by SUBJECT KEYWORD is regarded as being less useful, since the keywords used in any system may not necessarily have exactly the shades of meaning intended by the user. In a subject search, therefore, you will be led fairly quickly back to the AUTHOR or CITATION SEARCH.

Which approach do you wish to take first?

Please type AU or SU
(Always follow whichever choice you make with a CARRIAGE RETURN)

AU

Please give the AUTHOR'S NAME you wish to search on
(For Example HSIA H J) (CARRIAGE RETURN)

The program will accept the correct name if you already know it, or will list names beginning with one or two known letters if you are unsure.
(For Example HS) (CARRIAGE RETURN)

Author's Name?

HSIA

Name not found in this form. Type first or first two letters
to see list

Author's Name?

HS

HSIA H J

Author's Name?

HSIA H J

Do you want information on the Author's Place of Work? (Y or N)

Y
Texas Tech University, Lubbock, Texas (In 1971)

In the Index are listed publications under principal and
joint authorship, linked where appropriate through citations.

You may select - A - to see publications by the author

B - to see those cited by others, with details
of citing author and relationships
(This is a CITATION SEARCH)

or - C - to see publications by the author with lists
of references and relationships

Input A B or C

A

There are 7 publications by HSIA H J
Do you wish to see them all?

Y

(Note the 'Year' and 'First five characters of title' of
publications you may wish to investigate further before
they scroll past)

1968
Effects of noise and difficulty level of input...
In-Perceptual and Motor Skills 26 99-105
Article

1968
On channel effectiveness
In-AV Communication Review 16 245-267
Article

(over)

1968
Output, error, equivocation and recalled inform...
In-Journal of Communication 18 325-353
Article

1968
Rejoinder (to comments by Jester on Hsia 1968..)
In-Journal of Communication 18 350-353
Article

1969
Intelligence in auditory, visual and audiovis...
In-AV Communication Review 17 272-282
Article

1971
Information processing capacity of modality and...
In-AV Communication Review 19(1) 51-75
Article
Review

1977
Redundancy: is it the lost key to better commun..?
In-AV Communication Review 25 63-85
Article

Last Publication by this Author

Do you wish for more bibliographical details of any one publication? (Y or N)

Y

Please type 'Year' and 'First five characters of title'
(For Example 1976In se)

1969INTEL

Intelligence in auditory, visual and audiovisual information processing

No further information

Do you wish to do a Citation Search on any one Publication?
(Y or N)

Y

Type 'Year' and 'First five characters of title'

1969Intel

Cited by: HSIA H J
1971
Information processing capacity of modality and..
In-AV Communication Review 19(1) 51-75
Example
Similar Research

No further information

Author's Name?

HSIA H J

Place of Work? (Y or N)

N

Input A (Publications by Author)
B (Publications by Author cited by others)
or C (Publications by Author citing others)

A

There are 7 publications by HSIA H J
Do you wish to see them all?

N

You may limit the list in one of the following ways:

1. By Year (For Example, only publications in the last 3 years)
2. By Type of Publication (For Example, only Review articles)
3. By Subject Keyword - Not Available at Present
4. By the Number of Times a Publication has been Cited - (For Example, the 3 publications by this author most frequently referred to by others)
5. By Selecting Key Papers - Not Available at Present

Indicate your choice of limitation by typing the appropriate number

2

You may select a specific type of publication by choosing one of the following DESCRIPTIVE QUALIFIERS:

1. Report
2. Book
3. Mimeo
4. Article
5. Dissertation
6. Converence paper
7. Review
8. Prospectus
9. Private communication
10. Tape-slide presentation
11. Guide
12. Technical note
13. Yearbook
14. Dutch
15. German

Select by Number OR press (CARRIAGE RETURN) to restart Search

```
7

1971
Information processing capacity of modality and...
In-AV Communication Review 19(1) 51-75
                Article
                Review

Do you wish for more bibliographical details of any
one publication?      ( Y or N )

Y

Type 'Year' and 'First five characters of title'

1971Infor

No further information

Do you wish for a citation search on any one publication?
                      ( Y or N )

y

Type 'Year' and 'First five characters of title'

1971I.FOR

Cited by:   MARCHANT H
            1977
            Increasing the effectiveness of educational..:.
            In-British Journal of Educational Technol.8 89-96
                                          Background reading
                                          Similar research

No further information


Author's Name?

HSIA H J

Place of Work?   ( Y or N )

N

Input  A  (Publications by Author)
       B  (Publications by Author cited by others)
    or C  (Publications by Author citing others)

B

There are 6 publications by this author which have been cited
by others.
Do you wish to see them all?

Y
```

(Note 'Year' and 'First five characters of title' of any publications you may wish to investigate further before they scroll past)

1968
Effects of noise and difficulty level of input...
In-Perceptual and Motor Skills 26 99-105
Article
Cited by:
HSIA H J
1971
Information processing capacity of modality and...
In-AV Communication Review 19(1) 51-75
Illustration
Corroboration

HSIA H J
1968
Rejoinder (to comments by Jester on HSIA 1968..)
In-Journal of Communication 18 350-353
Definition
Similar research

1968
On channel effectiveness
In-AV Communication Review 16 245-267
Article
Cited by:
KAPLAN R M
1977
Effects of medium and presentation..By R M K;..
In-Perceptual and Motor Skills 45 967-979
Criticism
Contradictory research
etc.....

Author's Name?

HSIA H J

Place of Work? (Y or N)

n

Input A (Publications by Author)
B (Publications by Author Cited by others)
or C (Publications by Author citing others)

B

There are 6 publications by this author cited by others.
Do you wish to see them all?

N

You may limit the search in the following ways:

1. By RELATIONAL QUALIFIER
   i.e. you may ask to see only those quoted for their METHODOLOGY; only those quoted as doing SIMILAR RESEARCH; only those who have DISAGREED with this work; .. etc.

2. By selecting a single, known publication

Select 1 or 2

1

You may see publications having a particular relationship to the chosen author's publications by selecting one term from the following list of RELATIONAL QUALIFIERS:

1.	Paying homage	14.	Description
2.	Background reading	15.	Current concerns
3.	Historical	16.	Development of ideas
4.	Bibliographical leads	17.	Disputing
5.	Narrative	18.	Criticism
6.	Definition	19.	Corroboration
7.	Clarification	20.	Disclaiming
8.	Illustration	21.	Substantiation
9.	Example	22.	Similar research
10.	Experimental detail	23.	Contradictory research
11.	Theory	24.	Further detail
12.	Data	25.	Same paper

Select by number (Or press CARRIAGE RETURN to restart Author Search)

23

1968
On channel effectiveness
In-AV Communication Review 16 245-267
Article
Cited by:
KAPLAN R M
1977
Effects of medium and presentation..By R M K;..
In-Perceptual and Motor Skills 45 967-979
Criticism
Contradictory research

1968
Output, error, equivocation and recalled inform..
In-Journal of Communication 18 325-353
Article
Cited by:
JESTER R E
1968
Comments on HSIA's auditory, visual and audio...
In-Journal of Communication 18 346-349
Criticism
Contradictory research

Do you wish for more bibliographical details of any one of the citing author's publications? (Y or N)

N

```
Author's Name?

HSIA H J

Place of Work?    ( Y or N )

N

Input  A   (Publications by Author)
       B   (Publications by Author cited by others)
   or  C   (Publications by Author citing others)

C

There are 4 publications by this author with lists of references.
Do you wish to see them all?

Y

1968
Effects of noise and difficulty level of input..
In-Perceptual and Motor Skills 26 99-105
            Article

    Citing:
       CHERRY C
       1957
       On human communication:a review,a survey and...
       New York, John Wiley
                                        Background reading

1968
Output, error, equivocation and recalled inform...
In-Journal of Communication 18 325-353
            Article

    Citing:
       BROADBENT D E
       1958
       Perception and communication
       London, Pergamon Press
                                          Definition

       SHANNON C E
       1949
       Mathematical theory of commun..By C E S & W WEAV..
       Urbana, Ill.,University of Illinois Press
                                          Theory
                                          Definition

etc...
```

```
Author's Name?

HSIA H J

  Place of Work?    ( Y or N )

N

Input  A   (Publications by Author)
       B   (Publications by Author cited by others)
   or  C   (Publications by Author citing others)

C

There are 4 publications by this author with lists of references.
Do you wish to see them all?

  n

Indicate by 'Year' and 'First five characters of title' which
you would like listed


  1971Infor

1971
Information processing capacity of modality and..
In-AV Communication Review 19(1) 51-75
          Article
          Review
   Citing:
      HSIA H J
      1968
      Effects of noise and difficulty level of input..
      In-Perceptual and Motor Skills 26 99-105
                                        Illustration
                                        Corroboration
      HSIA H J
      1968
      Output, error, equivocation and recalled inform..
      In-Journal of Communication 18 325-353
                                        Example
                                        Corroboration


etc...
```

AUTHORS

A

ADAMS M
ADDINALL E
ADELMAN C
ALLEN W H
ANDERSON F D
ANDREWS D
AUSTIN G A
AUSUBEL D P

B

BARNES D
BATES T
BECHER R A
BECKER H S
BECKMANN H K
BENDER C C
BERNSTEIN B
BESWICK N
BLIGH D A
BLOOM B S
BOLTON A
BOLTZMANN
BONO E DE
BOSTROM R N
BOUD D J
BOULDING K
BOYCE G
BOYD P
BRAHAM M L
BRAITHWAITE A
BRIDGE
BRIGGS L J
BRITTON J
BROADBENT D E
BROWN G
BRUNER J S
BUDGETT R
BULLOCK A
BURNISTON C
BUTCHER H J
BUTTS D

C

CAMPBELL D T
CARO F G
CARRE C
CARRICK R
CARTER R
CHAFE W L
CHERRY C
CHEYNE W
CLARK B E
CLARKE L J
CLEARY A
COHEN H
COHEN L
COHEN P A
COMMITTEE ON HIGHER EDUC
COULTHARD M
COWAN J
COX R C
CREBER J
CRONBACH L J
CSE SOUTHERN REGION
CSE SOUTHERN REGION EXAM
CUBE F VON

D

DAVIES A
DAVIES I K
DAVIS A
DE SOLLA PRICE D J
DEARDEN G J
DELAMONT S
DEPARTMENT OF EDUC & SCI
DEVAULT M V
DEWEY M
DIETRICH J E
DOUGHTY P
DUCHASTEL P
DUDLEY P
DUNCAN E B
DUNN W R
DWYER F M

E

EBELING B J
ELLINGTON H I
ELLIS R J
ELTON L R B
ELY D P
ENTWISTLE N J

F

FJALLBRANT N
FLANDERS N
FORD N
FOX G T

G

GAGE N L
GAGNE R M
GAHAGAN D
GAHAGAN G
GALLAGHER M
GARFIELD E
GAUVAIN S
GERLACH V S
GETZELS J W
GILBERT J K
GILES H
GOODNOW J J
GOSLING W
GRANT J
GROOT A D DE
GUTTENTAG M

H

HALLIDAY M A K
HAMILTON D
HAMMOND G
HARRIS D
HARRIS N D C
HARTLEY J
HARTLEY R V L
HARVEY B
HASTINGS J T
HAWKINS C A
HAWKINS P R
HAWKRIDGE D G
HAYSOM
HEATHERS G
HENRY J
HERRING J
HEWITT C
HILGARD E R
HILLS P J
HITCHMAN P
HOBBS S
HOUNSELL D J
HOUSE E
HSIA H J
HUTCHESON S
HYMES D

I

INNOVATION...

J

JACKSON P W
JENKINS B
JENKINS D
JESTER R E
JONES H

K

KAGAN J
KANTOR B R
KAPLAN R M
KELLER F S
KELLER J M
KEMMIS S
KING C
KING J G
KIRKHOPE S M
KNAPPER C K
KUHN T S
KULIK C -L C
KULIK J A

L

LABOV W
LANGTON N H
LASHLEY K S
LAURILLARD D M
LAVER J
LAWLESS C J
LAWTON D
LEEDHAM J
LEWIN K
LEWIS R
LIGHT R J
LINDVALL C M
LOPEZ M
LUBETZKY S
LUNDSTEEN S W

M

MA H K
MACAULAY R K S
MACDONALD B
MACDONALD-ROSS M
MADAUS G F
MAGUIRE T O
MANWARING G
MARCHANT H
MARTIN E
MARTIN N
MARTON F
MATTHIESSEN F O
MAYES T
MCALEESE W R
MCCABE B P
MCCONNELL S G
MCKENZIE J
MCLUHAN H M
MEE A J
MEGARRY J
MESSICK S
MEYER J H F
MILLER C M L
MITCHELL P

N

NATIONAL COUNC ED TECHNOL
NEEDHAM G
NEUMANN VON
NISBET J D
NUFFIELD FOUND GP RES INN
NUTTALL J
NYQUIST H

O

O'CONNELL S
OLLER J W
OPIE I
OPIE P
OVERLY N V

P

PACKHAM D
PARLETT M R
PASK G
PEARSE J
PERCIVAL F
PHILLIPS D C
PIAGET I
PIRSIG R
POLANYI M
POPHAM J
POPHAM W J
POPPER K R
PRESSEY S L
PRICE D J DE S

Q

R

RITCHIE D
ROBINSON J
ROBINSON W P
ROEBUCK M
ROSEN C
ROSEN H
ROWNTREE D
RUDD E
RUPRECHT H
RUSHBY N J

S

SALJO R
SAMPSON G
SANSOM C
SAWDON R
SCHON D
SCHOOL OF INDEPENDENT STU
SCHRAMM W
SCHULZ W
SCHWARTZ R D
SCOTTISH CENTRAL C.ENGL.
SCOTTISH EDUCATION DEPART
SCRIVEN M
SECHREST L
SECONDARY SCHOOLS EXAMS C
SHANNON A G
SHANNON C E
SIEGEL S
SIME M
SIMONS H
SINCLAIR J
SINGER R D
SKINNER B F
SMITH H
SMITH L M
SMITH P V
SNOW C P
SNOW R E
SOLLA PRICE D J DE
SPEITAL H
STACE B C
STAKE R E
STANLEY J C
STRATTA L
STUFFLEBEAM D L
SUTTON C R
SUTTON R A
SZILARD L

T

TAYLOR G
TAYLOR L C
TAYLOR P A
TEATHER D C B
TEDD L
THORNTON G
TODD F
TOUGH J
TREVELYAN G D
TROW M A
TRUDGILL P
TUCKER R N
TULKIN S R
TYLER R W

U

UNWIN D

V

VERNON P E

W

WADE B
WALKER R
WEAVER W
WEBB E J
WEINSTOCK M
WELSH J
WHITEHEAD A N
WIGHT J
WILEY D E
WILKES J
WILKINSON A M
WITTROCK M C
WOOD A
WOOD J
WOOD N

X

Y

YOUNG
YOUNG M F D
YULE G

Z

NOTE:
Work on the computer program for this project has been undertaken by Mr B Stocks, RGIT Computer Services Unit.

The Qualified Citation Indexing Project (QCIP) is under the direction of Dr Ray McAleese, Director, University Teaching Centre, University of Aberdeen, and Douglas Anderson, RGIT School of Librarianship. Mrs Elizabeth Duncan is the research officer for the Project.

Further information about the Project is available from Dr Ray McAleese, University of Aberdeen.